

Result Summary for Public Schools

As of January 7, 2025, MDE has verified a total of 78,629 first-draw samples from 1,068 public schools in 24 public school systems. Of these schools, there were 572 (53.56%) schools with first-draw lead sample results exceeding 20 ppb (i.e., previous Action Level effective through May 31, 2021) and there were 862 (80.71%) schools with first-draw lead sample results exceeding 5 ppb (i.e., current Action Level effective June 1, 2021).

Of the 78,629 first-draw samples, 3,628 (4.61%) sample results exceeded 20 ppb: 1,974 (2.51%) were from drinking water outlets (i.e., consumption outlets) and 1,654 (2.1%) were from non-consumption outlets.

Of the 78,629 first-draw samples, 12,014 (15.28%) sample results exceeded 5 ppb: 8,192 (10.42%) were from drinking water outlets (i.e., consumption outlets) and 3,822 (4.86%) were from non-consumption outlets.

County	# Schools** Completing Testing	Total # Samples	# Samples From Drinking Water Outlets	# Samples From Non-Consumption Outlets	# Samples With Unknown Use	Previous Action Level of 20 ppb (effective through May 31, 2021)				Current Action Level of 5 ppb (effective on June 1, 2021)			
						Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non-Consumption Outlets	# Elevated Samples With Unknown Use	Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non-Consumption Outlets	# Elevated Samples With Unknown Use
Allegany	21	2573	1280	1293	0	74	16	58	0	364	114	250	0
Anne Arundel	102	9139	5416	3723	0	467	196	271	0	1273	586	687	0
Baltimore City	23	860	444	416	0	15	1	14	0	84	43	41	0
Baltimore County	159	10477	8032	2445	0	712	544	168	0	3113	2383	730	0
Calvert	12	1424	1424	0	0	2	2	0	0	25	25	0	0
Caroline	6	156	156	0	0	0	0	0	0	1	1	0	0
Carroll	31	614	614	0	0	10	10	0	0	78	78	0	0
Cecil	21	2219	412	1807	0	243	25	218	0	522	50	472	0
Charles	33	2181	1998	183	0	77	60	17	0	319	272	47	0
Dorchester	9	139	137	2	0	2	2	0	0	10	10	0	0
Frederick	60	2812	2811	1	0	186	185	1	0	423	422	1	0
Garrett	12	409	409	0	0	24	24	0	0	88	88	0	0
Harford	40	7027	5506	1521	0	671	125	546	0	1566	847	719	0
Howard	69	6498	6401	97	0	177	149	28	0	550	497	53	0
Kent	6	178	178	0	0	0	0	0	0	3	3	0	0
Montgomery	210	19321	19259	62	0	264	264	0	0	1532	1531	1	0
Prince George's	143	3825	3740	85	0	116	116	0	0	450	443	7	0
Queen Anne's	13	1025	811	214	0	89	62	27	0	238	184	54	0
St. Mary's	12	2228	2097	131	0	146	67	79	0	334	220	114	0
Somerset	6	223	198	25	0	18	18	0	0	44	41	3	0
Talbot	9	330	300	30	0	1	1	0	0	13	10	3	0
Washington	41	3341	1093	2248	0	133	20	113	0	463	77	386	0
Wicomico	20	957	901	56	0	72	63	9	0	201	180	21	0
Worcester	10	673	256	417	0	129	24	105	0	320	87	233	0
Total	1068	78629	63873	14756	0	3628	1974	1654	0	12014	8192	3822	0

* All Samples are first-draw

** Number zero (0) indicates data is absent or incomplete

Test Results* for Public Schools Received and Verified as of January 7, 2025: 2017-2018 School Year													
County	# Schools** Completing Testing	Total # Samples	# Samples From Drinking Water Outlets	# Samples From Non-Consumption Outlets	# Samples With Unknown Use	Previous Action Level of 20 ppb (effective through May 31, 2021)				Current Action Level of 5 ppb (effective on June 1, 2021)			
						Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non-Consumption Outlets	# Elevated Samples With Unknown Use	Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non-Consumption Outlets	# Elevated Samples With Unknown Use
Allegany	0												
Anne Arundel	31	3783	1216	2567	0	272	58	214	0	689	166	523	0
Baltimore City	5	477	63	414	0	14	0	14	0	42	1	41	0
Baltimore County	0												
Calvert	8	480	480	0	0	1	1	0	0	8	8	0	0
Caroline	0												
Carroll	0												
Cecil	0												
Charles	0												
Dorchester	0												
Frederick	0												
Garrett	12	409	409	0	0	24	24	0	0	88	88	0	0
Harford	12	666	566	100	0	13	7	6	0	68	43	25	0
Howard	0												
Kent	6	84	84	0	0	0	0	0	0	1	1	0	0
Montgomery	206	13224	13224	0	0	228	228	0	0	1337	1337	0	0
Prince George's	0												
Queen Anne's	8	310	96	214	0	32	5	27	0	70	16	54	0
St. Mary's	12	1622	1496	126	0	144	65	79	0	306	193	113	0
Somerset	0												
Talbot	0												
Washington	39	3038	823	2215	0	120	7	113	0	421	35	386	0
Wicomico	13	494	462	32	0	23	20	3	0	64	57	7	0
Worcester	0												
Total	352	24587	18919	5668	0	871	415	456	0	3094	1945	1149	0

* All Samples are first-draw

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Test Results* for Public Schools Received and Verified as of January 7, 2025: 2018-2019 School Year													
County	# Schools** Completing Testing	Total # Samples	# Samples From Drinking Water Outlets	# Samples From Non-Consumption Outlets	# Samples With Unknown Use	Previous Action Level of 20 ppb (effective through May 31, 2021)				Current Action Level of 5 ppb (effective on June 1, 2021)			
						Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non-Consumption Outlets	# Elevated Samples With Unknown Use	Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non-Consumption Outlets	# Elevated Samples With Unknown Use
Allegany	0												
Anne Arundel	15	1681	532	1149	0	69	14	55	0	193	34	159	0
Baltimore City	0												
Baltimore County	153	6586	4148	2438	0	363	199	164	0	1693	969	724	0
Calvert	10	308	308	0	0	0	0	0	0	10	10	0	0
Caroline	6	156	156	0	0	0	0	0	0	1	1	0	0
Carroll	0												
Cecil	21	2175	395	1780	0	233	21	212	0	497	42	455	0
Charles	27	1610	1430	180	0	73	56	17	0	288	241	47	0
Dorchester	9	139	137	2	0	2	2	0	0	10	10	0	0
Frederick	53	1446	1445	1	0	98	97	1	0	248	247	1	0
Garrett	0												
Harford	37	5165	3744	1421	0	588	48	540	0	1296	602	694	0
Howard	52	3580	3517	63	0	118	93	25	0	351	309	42	0
Kent	0												
Montgomery	0												
Prince George's	120	2726	2642	84	0	66	66	0	0	275	268	7	0
Queen Anne's	0												
St. Mary's	0												
Somerset	6	223	198	25	0	18	18	0	0	44	41	3	0
Talbot	7	35	22	13	0	0	0	0	0	3	0	3	0
Washington	1	43	11	32	0	0	0	0	0	0	0	0	0
Wicomico	13	411	390	21	0	47	41	6	0	119	107	12	0
Worcester	10	673	256	417	0	129	24	105	0	320	87	233	0
Total	540	26957	19331	7626	0	1804	679	1125	0	5348	2968	2380	0

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Test Results* for Public Schools Received and Verified as of January 7, 2025: 2019-2020 School Year													
County	# Schools** Completing Testing	Total # Samples	# Samples From Drinking Water Outlets	# Samples From Non-Consumption Outlets	# Samples With Unknown Use	Previous Action Level of 20 ppb (effective through May 31, 2021)				Current Action Level of 5 ppb (effective on June 1, 2021)			
						Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non-Consumption Outlets	# Elevated Samples With Unknown Use	Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non-Consumption Outlets	# Elevated Samples With Unknown Use
Allegany	20	1777	696	1081	0	68	13	55	0	283	84	199	0
Anne Arundel	52	836	835	1	0	41	41	0	0	98	98	0	0
Baltimore City	0												
Baltimore County	135	1177	1177	0	0	145	145	0	0	453	453	0	0
Calvert	1	89	89	0	0	0	0	0	0	0	0	0	0
Caroline	0												
Carroll	22	501	501	0	0	9	9	0	0	66	66	0	0
Cecil	13	40	13	27	0	10	4	6	0	24	7	17	0
Charles	0												
Dorchester	0												
Frederick	0												
Garrett	0												
Harford	0												
Howard	21	986	955	31	0	35	32	3	0	102	93	9	0
Kent	0												
Montgomery	81	3422	3422	0	0	15	15	0	0	80	80	0	0
Prince George's	0												
Queen Anne's	0												
St. Mary's	0												
Somerset	0												
Talbot	7	165	150	15	0	1	1	0	0	6	6	0	0
Washington	0												
Wicomico	11	51	48	3	0	2	2	0	0	18	16	2	0
Worcester	0												
Total	363	9044	7886	1158	0	326	262	64	0	1130	903	227	0

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Test Results* for Public Schools Received and Verified as of January 7, 2025: 2020-2021 School Year													
County	# Schools** Completing Testing	Total # Samples	# Samples From Drinking Water Outlets	# Samples From Non-Consumption Outlets	# Samples With Unknown Use	Previous Action Level of 20 ppb (effective through May 31, 2021)				Current Action Level of 5 ppb (effective on June 1, 2021)			
						Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non-Consumption Outlets	# Elevated Samples With Unknown Use	Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non-Consumption Outlets	# Elevated Samples With Unknown Use
Allegany	0												
Anne Arundel	0												
Baltimore City	0												
Baltimore County	0												
Calvert	6	107	107	0	0	0	0	0	0	4	4	0	0
Caroline	0												
Carroll	0												
Cecil	2	3	3	0	0	0	0	0	0	1	1	0	0
Charles	2	47	44	3	0	0	0	0	0	4	4	0	0
Dorchester	0												
Frederick	1	150	150	0	0	67	67	0	0	84	84	0	0
Garrett	0												
Harford	0												
Howard	2	22	21	1	0	0	0	0	0	2	1	1	0
Kent	0												
Montgomery	0												
Prince George's	0												
Queen Anne's	0												
St. Mary's	0												
Somerset	0												
Talbot	0												
Washington	0												
Wicomico	1	1	1	0	0	0	0	0	0	0	0	0	0
Worcester	0												
Total	14	330	326	4	0	67	67	0	0	95	94	1	0

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Test Results* for Public Schools Received and Verified as of January 7, 2025: 2021-2022 School Year													
County	# Schools** Completing Testing	Total # Samples	# Samples From Drinking Water Outlets	# Samples From Non-Consumption Outlets	# Samples With Unknown Use	Previous Action Level of 20 ppb (effective through May 31, 2021)				Current Action Level of 5 ppb (effective on June 1, 2021)			
						Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non-Consumption Outlets	# Elevated Samples With Unknown Use	Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non-Consumption Outlets	# Elevated Samples With Unknown Use
Allegany	0												
Anne Arundel	64	1733	1733	0	0	70	70	0	0	214	214	0	0
Baltimore City	22	383	381	2	0	1	1	0	0	42	42	0	0
Baltimore County	92	2194	2189	5	0	166	162	4	0	853	848	5	0
Calvert	0												
Caroline	0												
Carroll	9	113	113	0	0	1	1	0	0	12	12	0	0
Cecil	1	1	1	0	0	0	0	0	0	0	0	0	0
Charles	19	265	265	0	0	4	4	0	0	21	21	0	0
Dorchester	0												
Frederick	57	927	927	0	0	20	20	0	0	88	88	0	0
Garrett	0												
Harford	37	1188	1188	0	0	68	68	0	0	197	197	0	0
Howard	23	975	975	0	0	16	16	0	0	62	62	0	0
Kent	5	94	94	0	0	0	0	0	0	2	2	0	0
Montgomery	37	401	339	62	0	4	4	0	0	49	48	1	0
Prince George's	0												
Queen Anne's	13	395	395	0	0	27	27	0	0	87	87	0	0
St. Mary's	11	606	601	5	0	2	2	0	0	28	27	1	0
Somerset	0												
Talbot	0												
Washington	16	258	257	1	0	13	13	0	0	41	41	0	0
Wicomico	0												
Worcester	0												
Total	406	9533	9458	75	0	392	388	4	0	1696	1689	7	0

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Test Results* for Public Schools Received and Verified as of January 7, 2025: 2022-2023 School Year													
County	# Schools** Completing Testing	Total # Samples	# Samples From Drinking Water Outlets	# Samples From Non-Consumption Outlets	# Samples With Unknown Use	Previous Action Level of 20 ppb (effective through May 31, 2021)				Current Action Level of 5 ppb (effective on June 1, 2021)			
						Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non-Consumption Outlets	# Elevated Samples With Unknown Use	Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non-Consumption Outlets	# Elevated Samples With Unknown Use
Allegany	21	741	533	208	0	6	3	3	0	81	30	51	0
Anne Arundel	27	771	768	3	0	12	10	2	0	61	58	3	0
Baltimore City	0												
Baltimore County	18	269	267	2	0	28	28	0	0	82	81	1	0
Calvert	0												
Caroline	0												
Carroll	0												
Cecil	0												
Charles	12	130	130	0	0	0	0	0	0	3	3	0	0
Dorchester	0												
Frederick	36	289	289	0	0	1	1	0	0	3	3	0	0
Garrett	0												
Harford	1	8	8	0	0	2	2	0	0	5	5	0	0
Howard	13	241	241	0	0	2	2	0	0	16	16	0	0
Kent	0												
Montgomery	19	479	479	0	0	2	2	0	0	12	12	0	0
Prince George's	80	1099	1098	1	0	50	50	0	0	175	175	0	0
Queen Anne's	0												
St. Mary's	0												
Somerset	0												
Talbot	6	130	128	2	0	0	0	0	0	4	4	0	0
Washington	1	2	2	0	0	0	0	0	0	1	1	0	0
Wicomico	0												
Worcester	0												
Total	234	4159	3943	216	0	103	98	5	0	443	388	55	0

* All Samples are first-draw

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Test Results* for Public Schools Received and Verified as of January 7, 2025: 2023-2024 School Year													
County	# Schools** Completing Testing	Total # Samples	# Samples From Drinking Water Outlets	# Samples From Non-Consumption Outlets	# Samples With Unknown Use	Previous Action Level of 20 ppb (effective through May 31, 2021)				Current Action Level of 5 ppb (effective on June 1, 2021)			
						Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non-Consumption Outlets	# Elevated Samples With Unknown Use	Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non-Consumption Outlets	# Elevated Samples With Unknown Use
Allegany	10	55	51	4	0	0	0	0	0	0	0	0	0
Anne Arundel	23	335	332	3	0	3	3	0	0	18	16	2	0
Baltimore City	0												
Baltimore County	27	251	251	0	0	10	10	0	0	32	32	0	0
Calvert	5	440	440	0	0	1	1	0	0	3	3	0	0
Caroline	0												
Carroll	0												
Cecil	0												
Charles	9	129	129	0	0	0	0	0	0	3	3	0	0
Dorchester	0												
Frederick	0												
Garrett	0												
Harford	0												
Howard	24	664	662	2	0	6	6	0	0	17	16	1	0
Kent	0												
Montgomery	63	1795	1795	0	0	15	15	0	0	54	54	0	0
Prince George's	0												
Queen Anne's	12	320	320	0	0	30	30	0	0	81	81	0	0
St. Mary's	0												
Somerset	0												
Talbot	0												
Washington	0												
Wicomico	0												
Worcester	0												
Total	173	3989	3980	9	0	65	65	0	0	208	205	3	0

* All Samples are first-draw

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